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FAX TRANSMISSION**DATE:** February 8, 2005**PTO IDENTIFIER:** Application Number 09/866557
Patent Number**Inventor:** Beach et al.**MESSAGE TO:** US Patent and Trademark Office**FAX NUMBER:** (571) 273-0791**FROM:** ROPES & GRAY LLP

Z. Angela Guo

PHONE: (617) 951-7546**Attorney Dkt. #:** CSHL-P02-010**PAGES (Including Cover Sheet):** 8**CONTENTS:** Supplemental Amendment (6 pages)
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ROPES & GRAY LLPOne International Place, Boston, Massachusetts 02110-2624
Telephone: (617) 951-7000 Facsimile: (617) 951-7050

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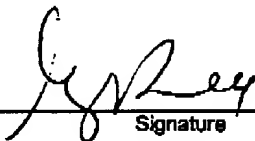
Application No. (if known): 09/866557

Attorney Docket No.: CSHL-P02-010

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Docket No.: CSHL-P02-010
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Beach et al.

Application No.: 09/866557

Confirmation No.: 4804

Filed: May 24, 2001

Art Unit: 1637

For: **METHODS AND COMPOSITIONS FOR RNA
INTERFERENCE**

Examiner: Cynthia B. Wilder

MS Amendment
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

SUPPLEMENTAL AMENDMENT

Sir:

In view of the Amendment and Response 16 November 2004, Applicants submit these further amendments and remarks in response to the Office Action mailed July 9, 2004 in the above-identified application. Please amend the claims as follows:

1. (Currently amended) A method for attenuating expression of a target gene in mammalian cells, comprising introducing into mammalian cells suspended in culture an expression vector encoding a hairpin RNA which when transcribed from said expression vector in said ~~into the mammalian cells in an amount sufficient to attenuates~~ expression of the target gene, wherein the transcribed hairpin RNA:

(i) is a single nucleic acid strand having a double stranded portion including first nucleotide sequence that hybridizes under stringent wash conditions of 0.2 x SSC at 65 °C to a portion of the target gene, and a second nucleotide sequence which is a complementary inverted repeat of said first nucleotide sequence and hybridizes to said first nucleotide sequence to form a hairpin structure;

Application No.: 09/866557

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